

Altitude Tracker Assembly Instructions

Materials Needed

pattern printed on white heavy index card stock

1 Scissors

Elmer's type glue and/or

Stick Glue

3 spent Estes rocket motors,
or wooden dowel to use as a
form

ruler or straight edge

needle

thread

fishing weight or penny

Construction

1. Cut out the two pieces

2. Roll the tube around 2 or
three spent Estes engines and
glue to form a tube. (Remove
Estes engines when dry.)

3. Cut the gray attachment
tabs at the top of the
protractor card and fold up.

4. Fold the protractor card in
half and glue.

5. Glue the tabs of the
protractor card to the sighting
tube.

6. Thread a piece of string or
thread through the circle at the
point of the protractor
quadrant.

7. Continue threading through
the end of the tube to create
cross hairs and tie off. (See
Diagram)

8. Tie loose end of thread on
the protractor side to fishing
weight or tape to penny.

9. Cut out ruler tape and
glue together.

10. Measure out and mark
100 units on the opposite
string end.

Altitude Tracker Threading Instructions

